



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30331

3 8

0623

Date: December 4, 1991

Sub: Review of RI/FS Source Evaluation Technical Memorandum
Olin Corp./McIntosh Plant
Washington County
McIntosh, Alabama

From: David W. Hill, Regional Expert Engineer *DW Hill*
Ground-Water Technology Support Unit

To: Kenneth A. Lucas, RPM
AL/GA/MS Section
South Superfund Remedial Branch

Thru: Rutherford B. Hayes, Chief
Ground-Water Technology Support Unit

DEC 11 1991

The subject document for the Olin plant has been reviewed as requested in your November 13, 1991, memo to Rutherford B. Hayes.

GENERAL COMMENTS

This exercise, evaluating time/concentration curves and isoconcentration maps to assess whether there are significant continuous sources of ground-water contamination, appears to have been very useful. We have no problems with the way in which the analysis was conducted or in the conclusions reached. We recommend that Olin follow through with the further assessments identified:

1. Determine if the presence of mercury throughout the soil column is slowly being removed by the corrective action wells when reviewing the need to refine the Corrective Action Program (CAP).
2. Determine if the Old Plant (CPC) Landfill area is a source of mercury or if mercury contaminated ground water is simply passing under it.
3. Continue to evaluate the need to deal with the Old Plant (CPC) Landfill as a continuing source of organics.
4. Determine the source of volatile concentrations measured in Monitoring well PL-10S.

EDITORIAL COMMENTS

ORGANIZATION: The purpose of the document should be stated at the very front in the first line of text. Withholding this crucial information until page 26 and page 50 makes review difficult.

TYPOGRAPHICAL: The middle of page 53 should refer to Appendix A, not Appendix B.

If you have any questions, please call me at x3866.